

P4469b

U.S. APPLICATION NO. (if known, see 37 C.F.R.  
1.5) 09/446449

Unknown

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 37 U.S.C. 371**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/JP99/02133	April 21, 1999	April 21, 1998

TITLE OF INVENTION: TIME MEASUREMENT DEVICE AND METHOD

## APPLICANT(S) FOR DO/EO/US

Hidehiro Akahane, Kenichi Okuhara, Akihiko Maruyama and Nobuhiro Koike

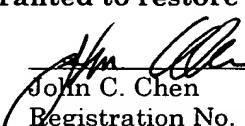
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
- This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
- A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US)
- A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
- A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 16. below concern document(s) or information included:

- 11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13.  A FIRST preliminary amendment.
- A SECOND or SUBSEQUENT preliminary amendment
- 14.  A substitute specification.
- 15.  A change of power of attorney and/or address letter.
- 16.  Other items or information:  
Postcard; Notice PCT/IB/308; PCT Request (PCT/RO/101), in Japanese and English; International Search Report (PCT/ISA/210), in Japanese & English

U.S. APPLICATION NO. (known see 37 C.F.R. 1.8)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
09/44644 Unknown	PCT/JP99/02133	P4469b

17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS	PTO USE ONLY
The international search fee, as set forth in § 1.445(a)(2) to be paid to the US PTO acting as an international Searching Authority:			
<input type="checkbox"/> has been paid (37 CFR 1.492(a)(2)) \$ 760.00			
<input type="checkbox"/> has not been paid (37 CFR 1.492(a)(3)) \$ 970.00			
<input checked="" type="checkbox"/> where a search report on the international application has been prepared by the European Patent Office or the Japanese Patent Office (37 CFR 1.492(a)(5)) \$ 840.00			
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 840.00	
Surcharge of \$50.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e))		\$ 0.00	
* <input checked="" type="checkbox"/> CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	46 - 20 =	26	X 18.00 \$ 468.00
Independent claims	12 - 3 =	9	X 78.00 \$ 702.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ 260.00	\$ 0.00
TOTAL OF ABOVE CALCULATIONS =		\$2010.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).		\$ 0.00	
SUBTOTAL =		\$2010.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +		\$ 0.00	
TOTAL NATIONAL FEE =		\$2010.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$ 0.00	
TOTAL FEES ENCLOSED =		\$2,010.00	
*See Preliminary Amendment reducing the number of Claims filed concurrently herewith		Amount to be: refunded	\$
		charged	\$
a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed.			
b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 19-2746 in the amount \$2,010.00 to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2746. A duplicate copy of this sheet is enclosed.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. Send all correspondence to:			
Epson Research and Development, Inc. Intellectual Property Department 225 Baypointe Parkway San Jose, CA 95134 Phone: (408) 952-6000 Fax: (408) 954-9058 Customer No. 20178			
 John C. Chen Registration No. 39,136			

09/446449  
SUCC'D PCT/PTO 20 DEC 1999

CERTIFICATION UNDER 37 C.F.R. 1.10

"Express Mail" Label Number:

EL414262064US

Date of Deposit:

December 20, 1999

I hereby certify that this patent application, being filed under 37 U.S.C. 371, is being deposited with the United States Postal Service on this date in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Box PCT, Assistant Commissioner for Patents, Washington, DC 20231.

Shellie Bailey  
Shellie Bailey

U.S. PATENT AND TRADEMARK OFFICE